

Fig. 1

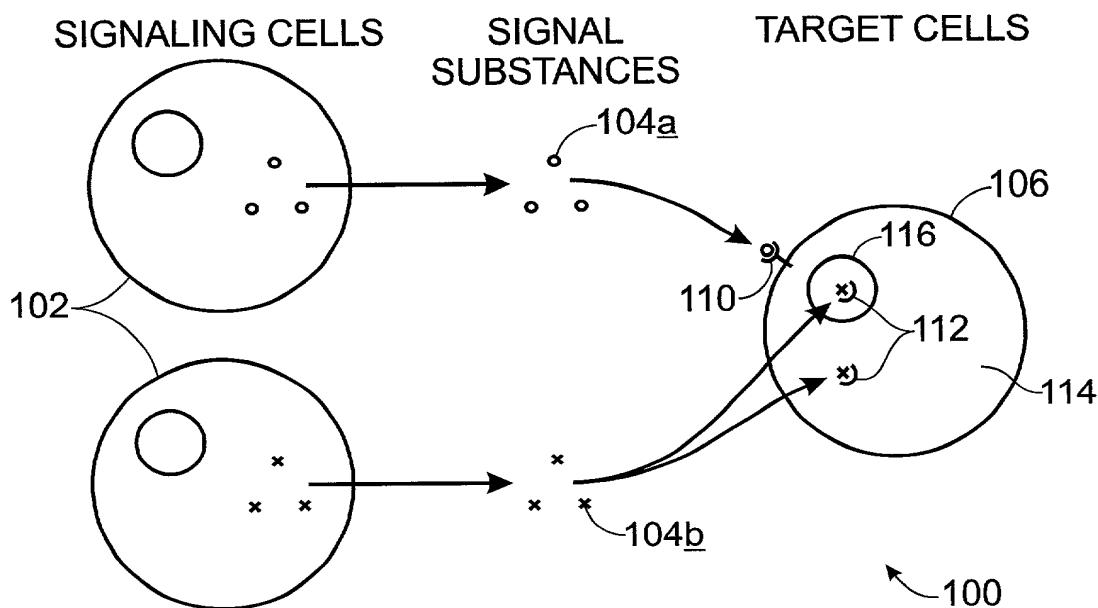


Fig. 2

G-PROTEIN-LINKED RECEPTOR MECHANISM

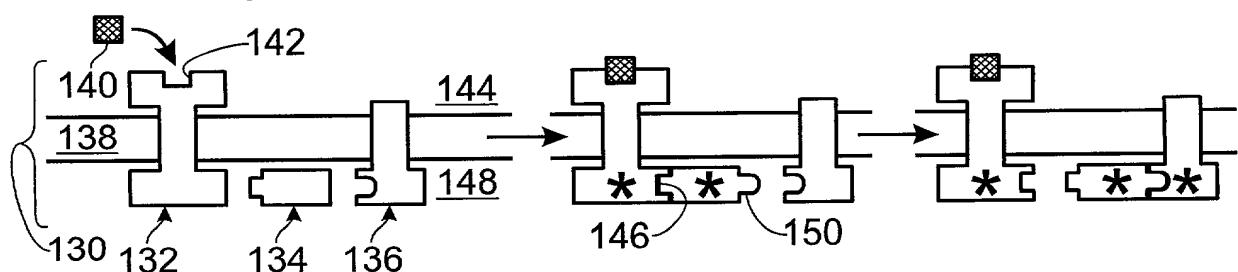


Fig. 3

ENZYME-LINKED RECEPTOR MECHANISM

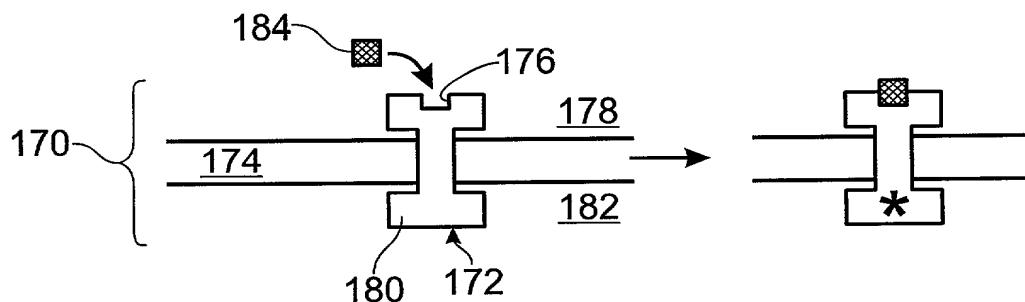


FIG. 4 INTRACELLULAR SIGNALING PATHWAYS

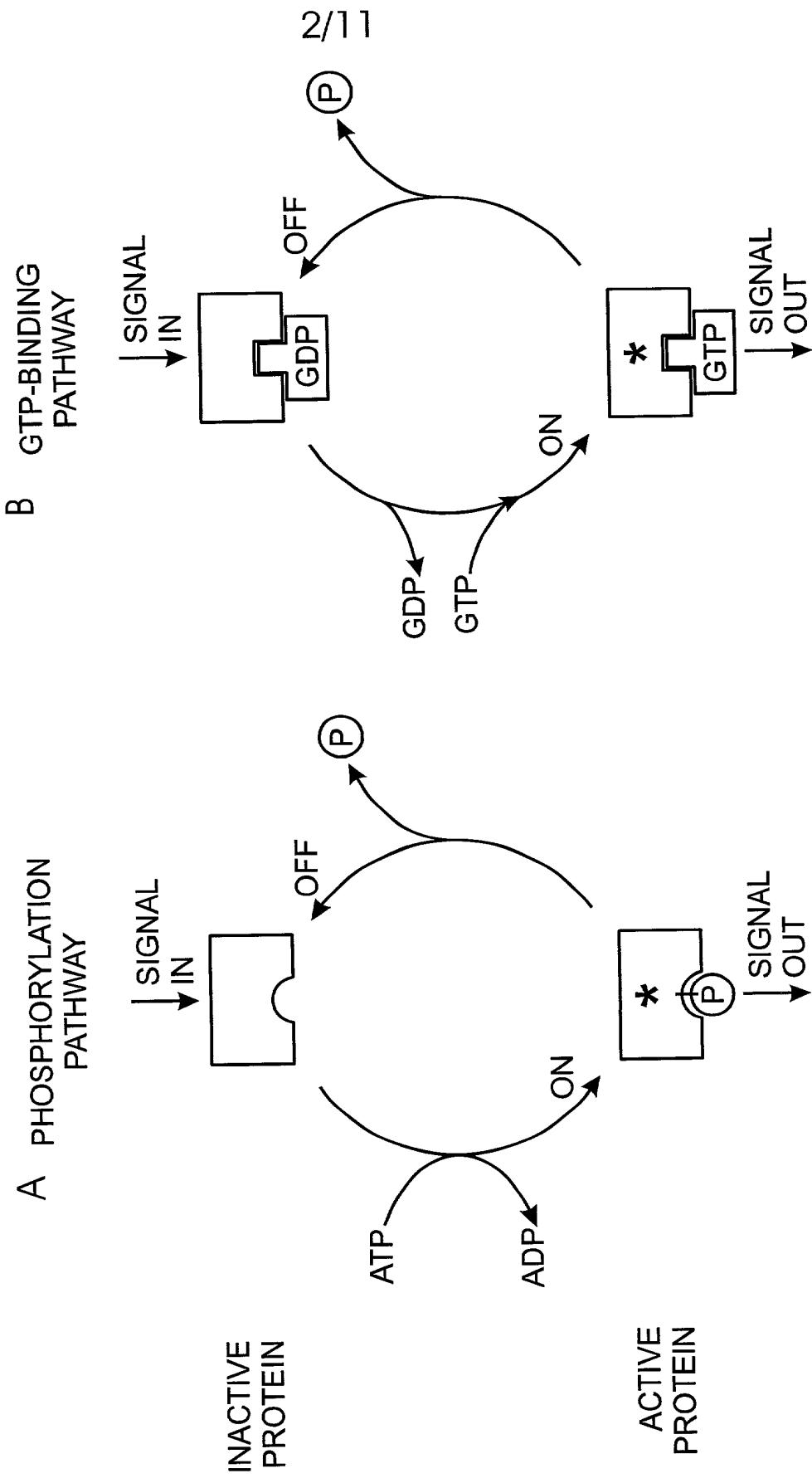


Fig. 5

CYCLIC NUCLEOTIDE ASSAY

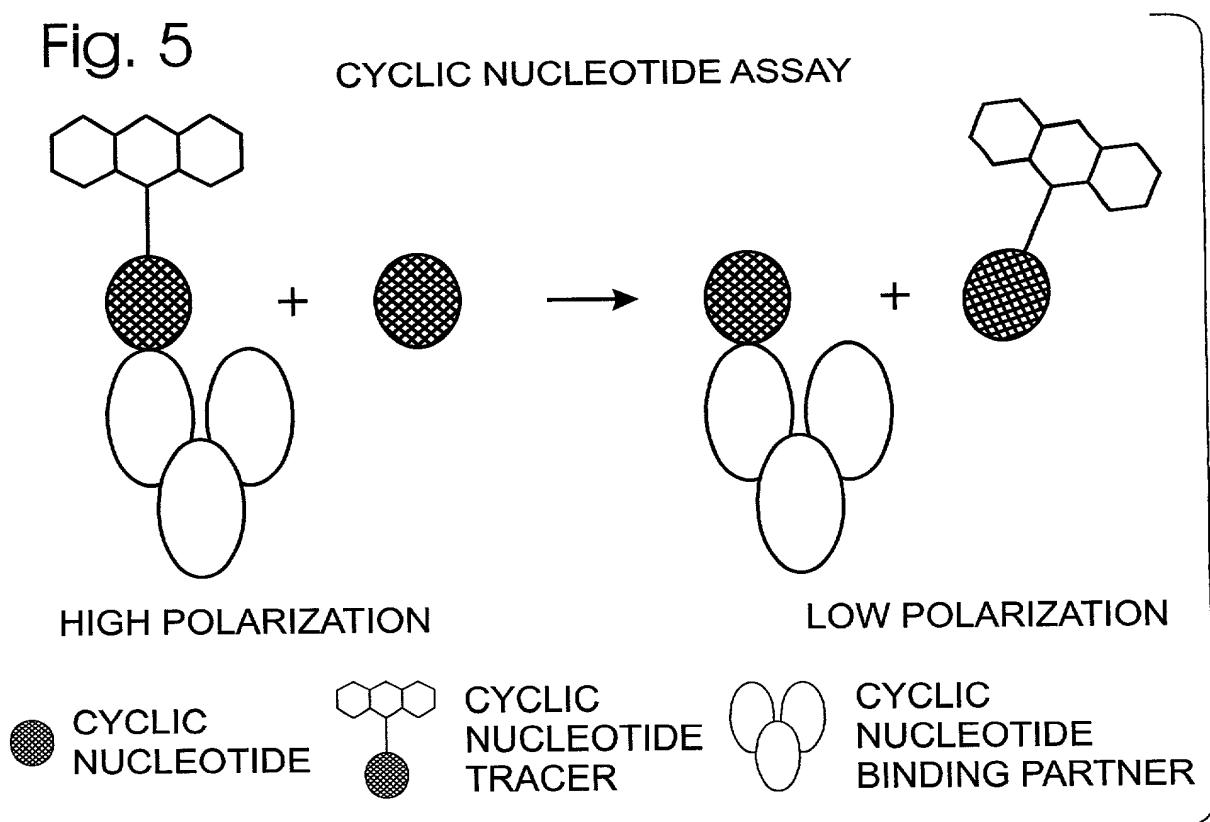


Fig. 6

GTP-BINDING PROTEIN ASSAY

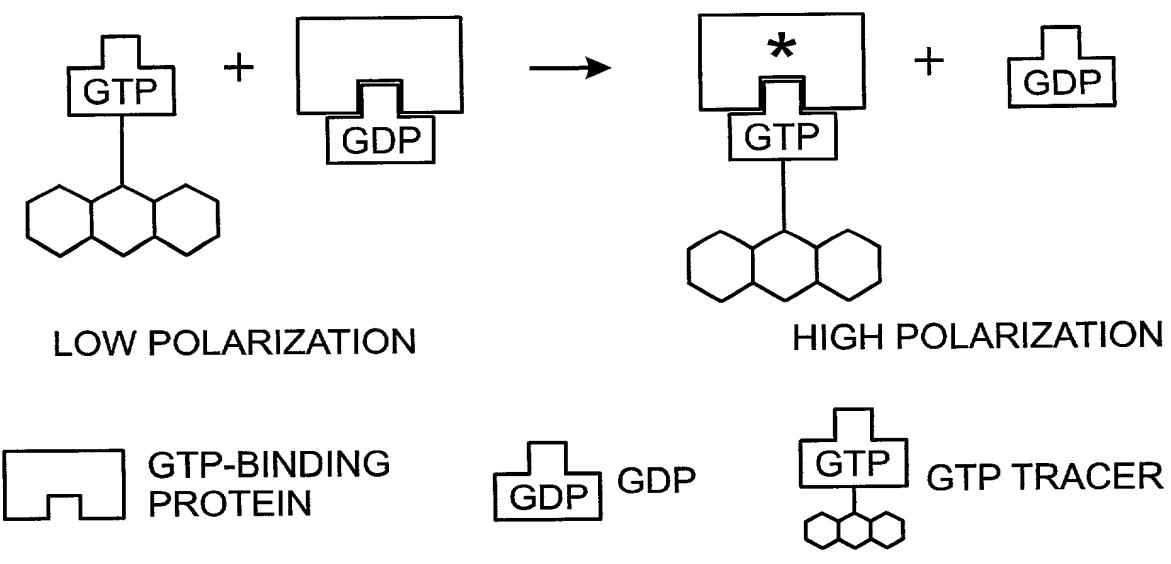


Fig. 7A

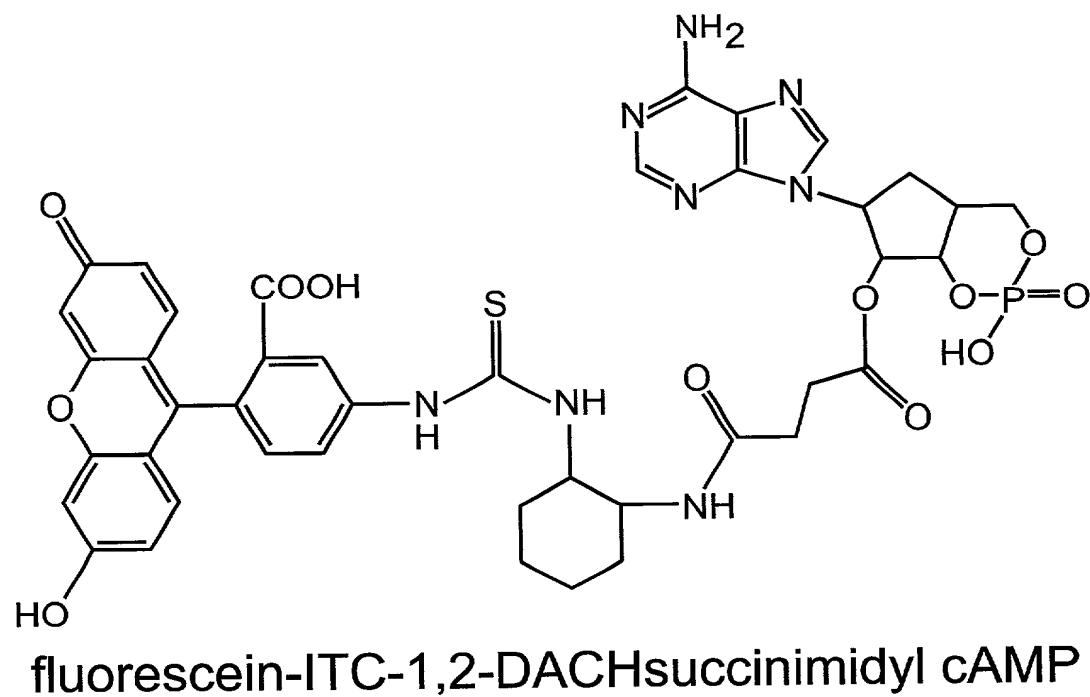
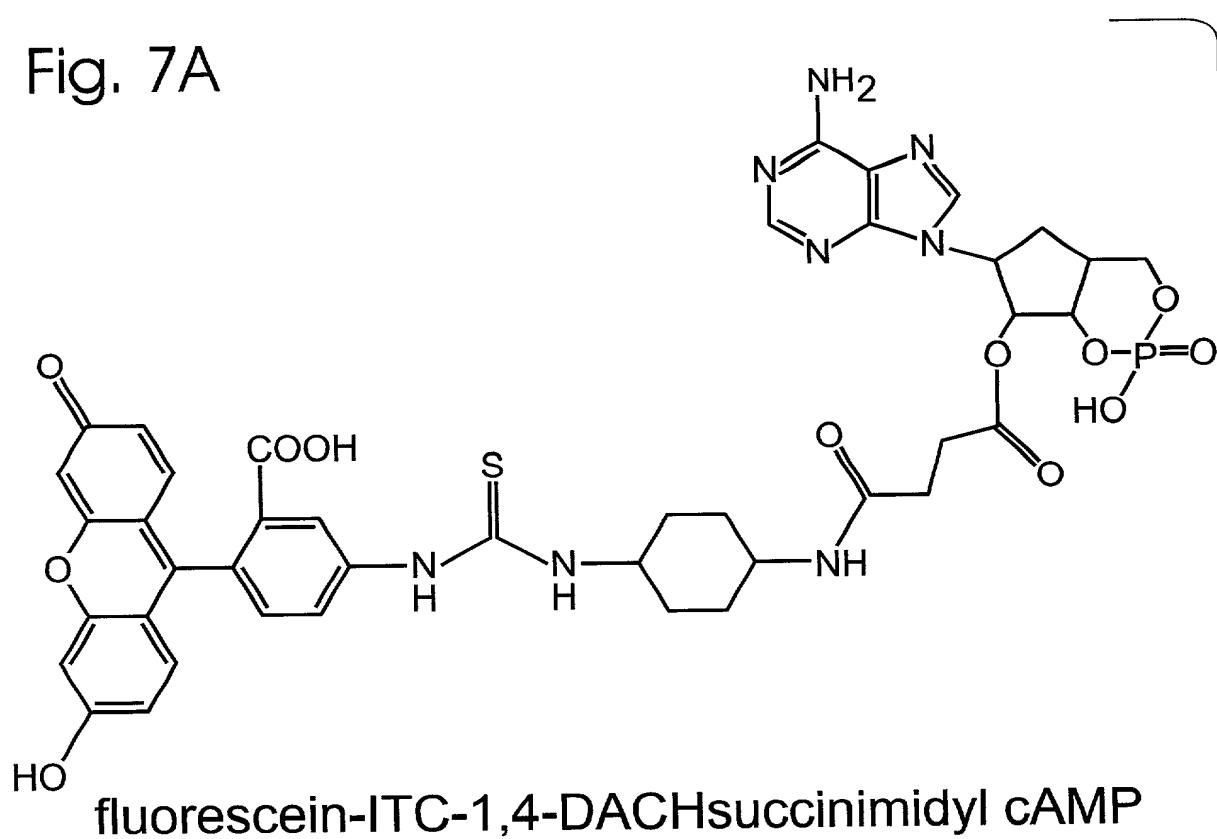


Fig. 7B

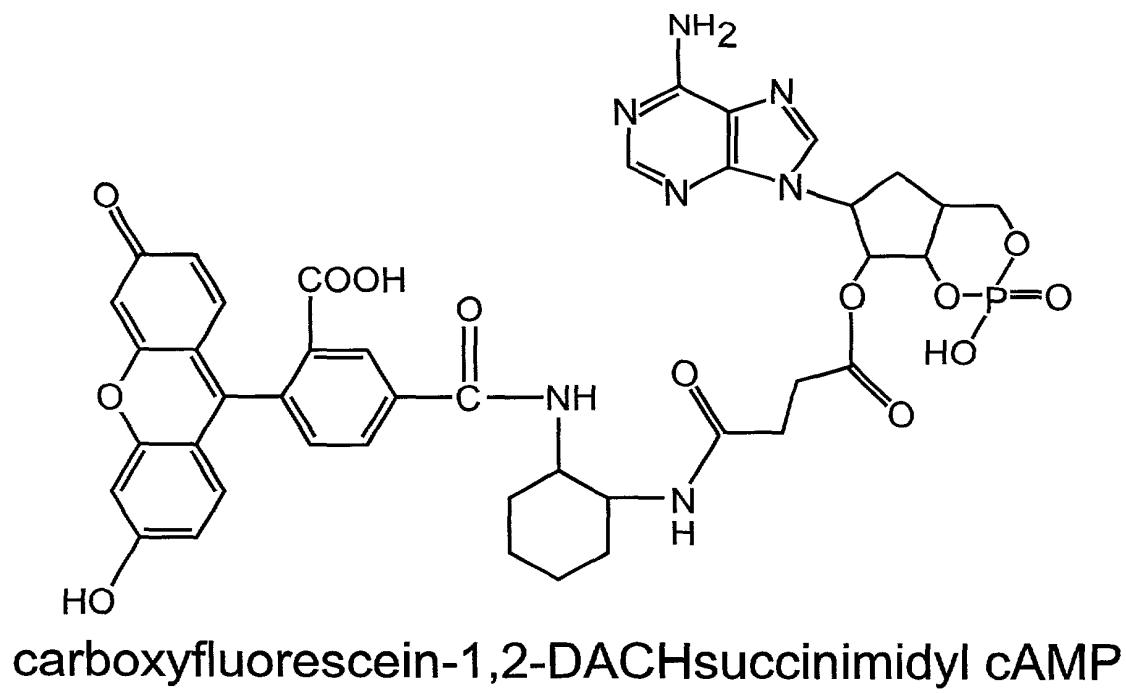
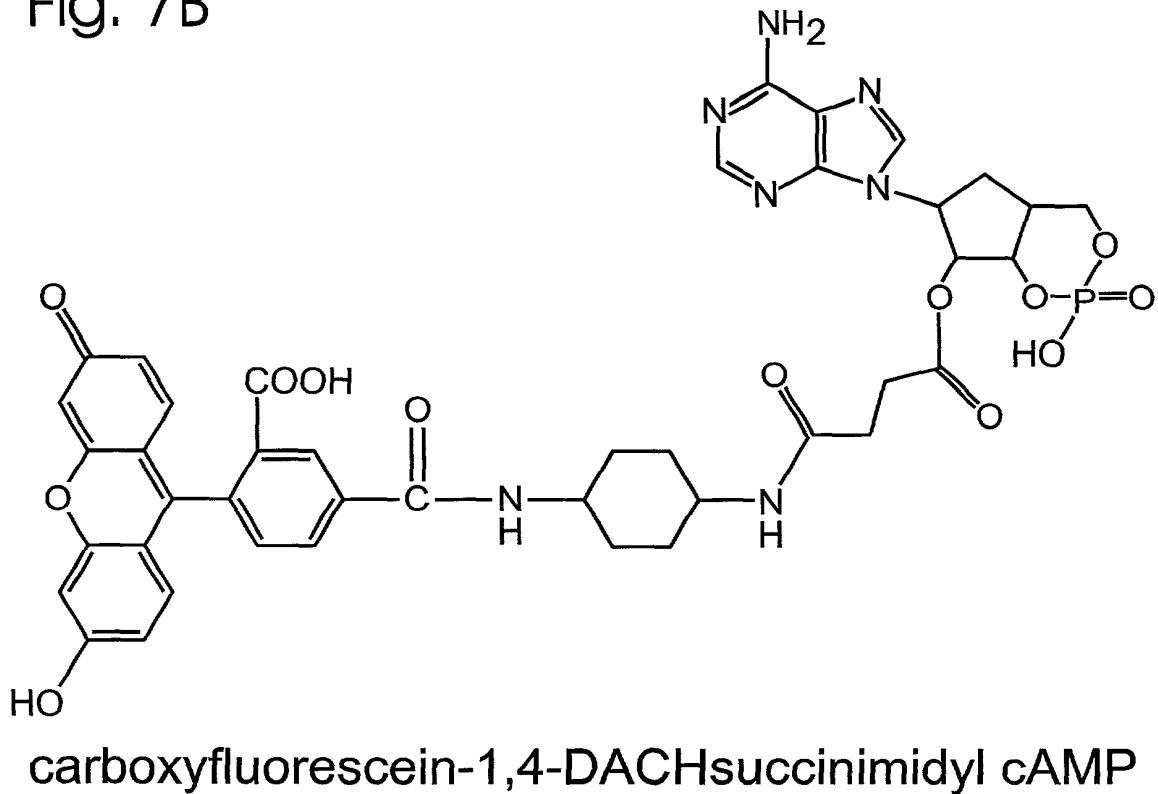


Fig. 8A

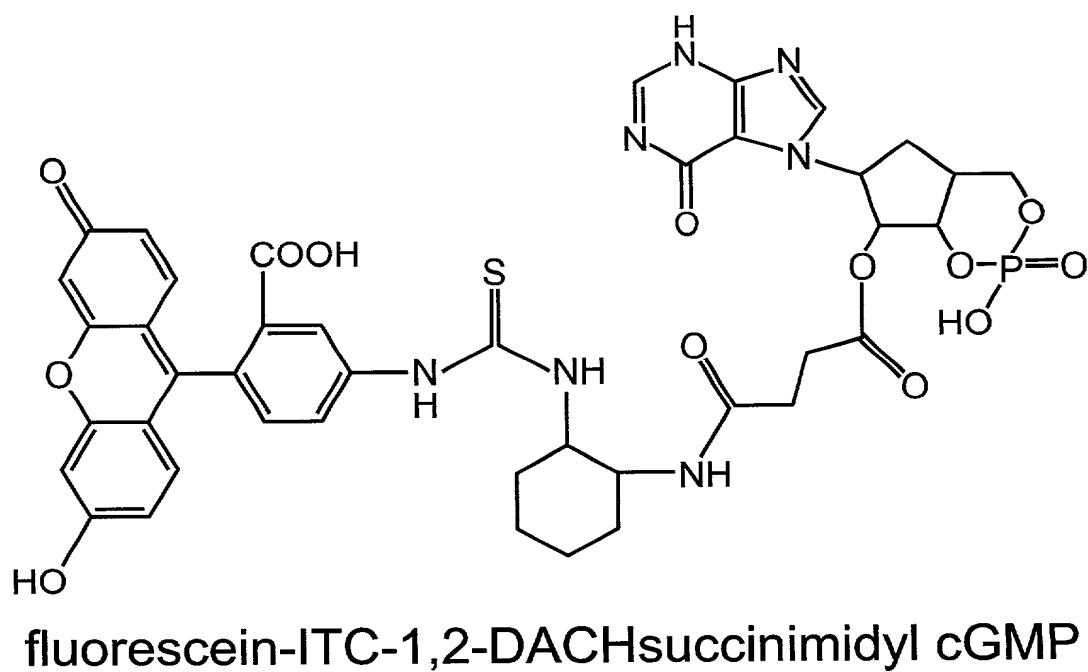
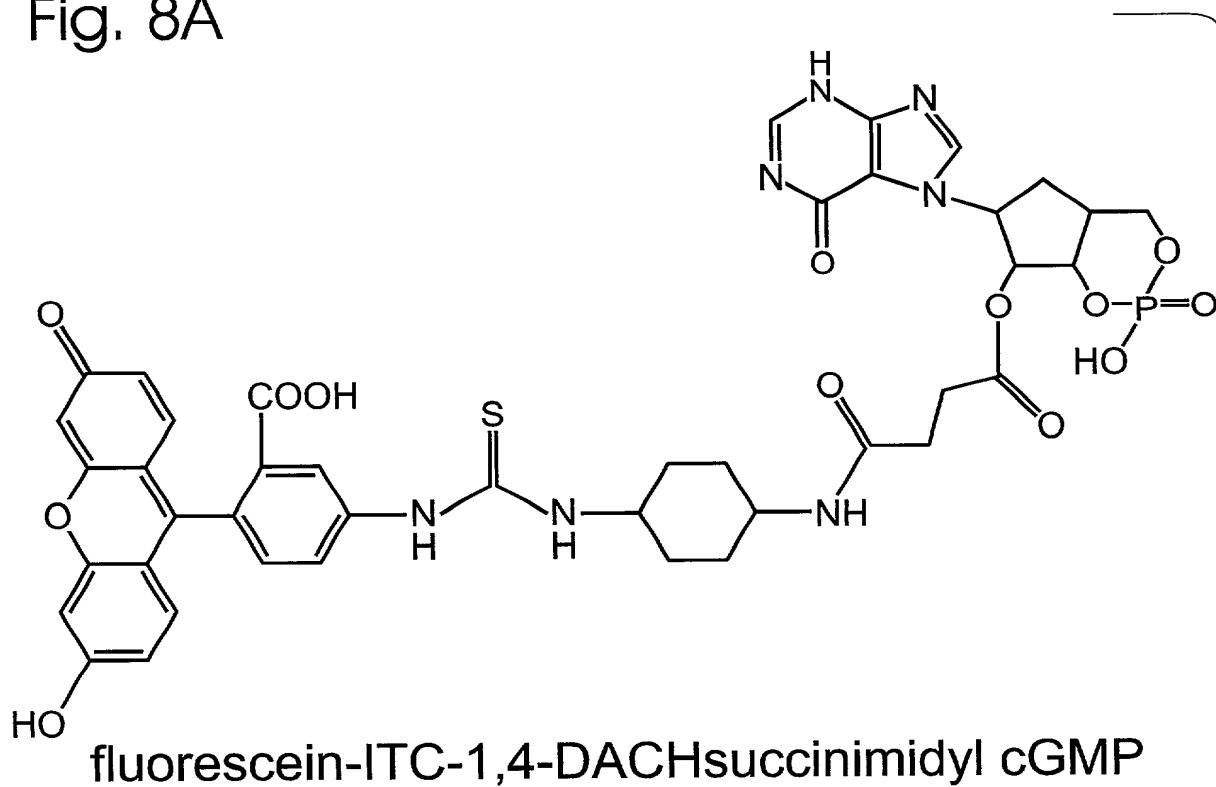


Fig. 8B

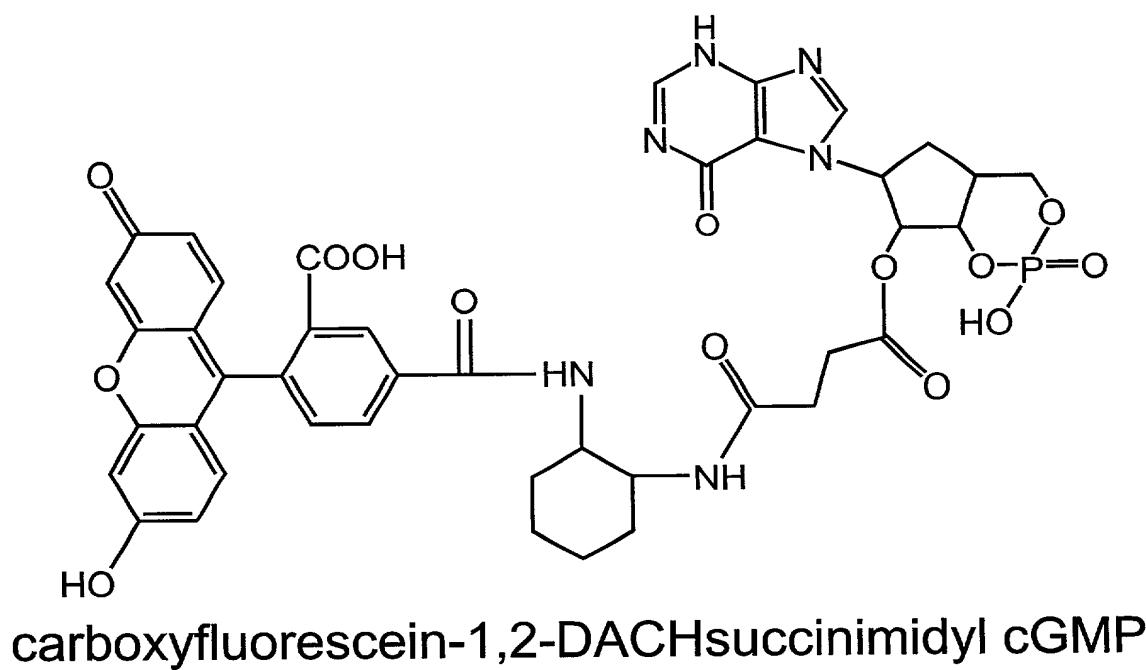
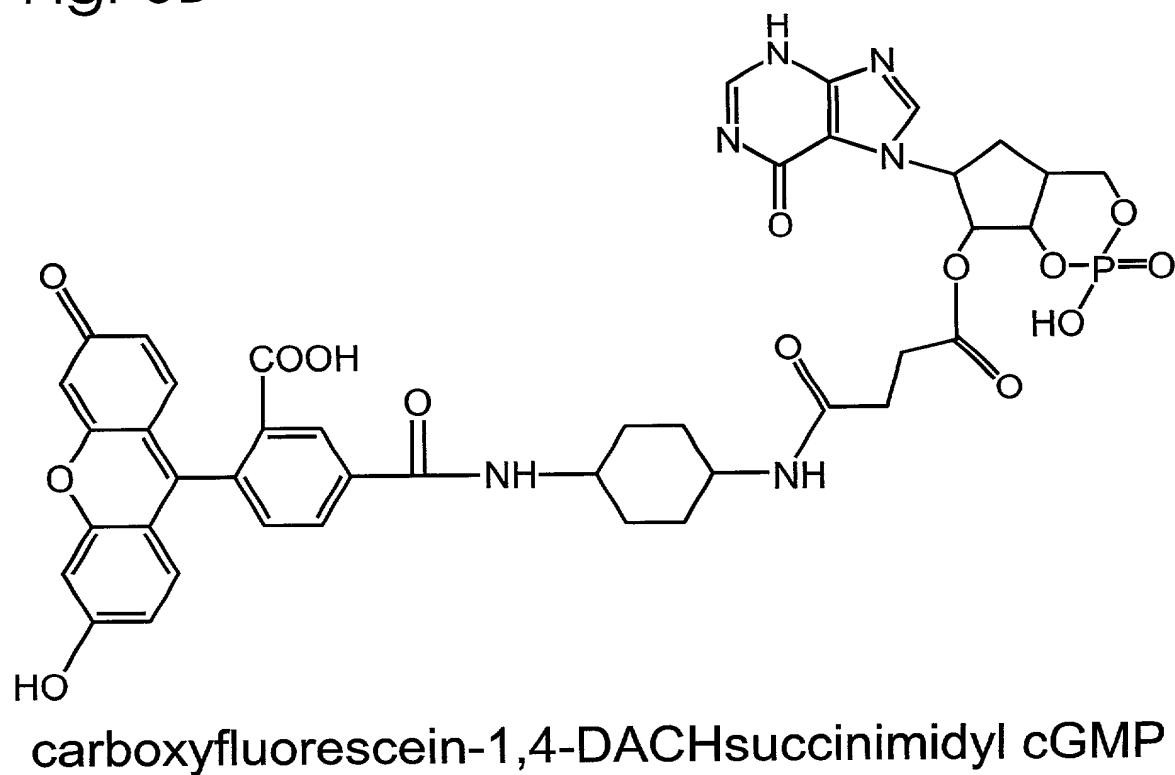


Fig. 9A

1 [cAMP CALIBRATORS]	2 [CONTROLS]	3 [SAMPLES]
A 10 μ L BUFFER 10 μ L cAMP Ab WORKING STOCK 10 μ L 10 μ M CALIBRATOR 10 μ L cAMP TRACER WORKING STOCK	40 μ L BUFFER	10 μ L BUFFER 10 μ L cAMP Ab WORKING STOCK 10 μ L SAMPLE 1 10 μ L cAMP TRACER WORKING STOCK
B ↓	↓	↓
C 10 μ L BUFFER 10 μ L cAMP Ab WORKING STOCK 10 μ L 3.33 μ M CALIBRATOR 10 μ L cAMP TRACER WORKING STOCK	↓	10 μ L BUFFER 10 μ L cAMP Ab WORKING STOCK 10 μ L SAMPLE 2 10 μ L cAMP TRACER WORKING STOCK
D ↓	↓	↓
E 10 μ L BUFFER 10 μ L cAMP Ab WORKING STOCK 10 μ L 1.11 μ M CALIBRATOR 10 μ L cAMP TRACER WORKING STOCK	30 μ L BUFFER 10 μ L cAMP Ab WORKING STOCK	10 μ L BUFFER 10 μ L cAMP Ab WORKING STOCK 10 μ L SAMPLE 3 10 μ L cAMP TRACER WORKING STOCK
F ↓	↓	↓
G 10 μ L BUFFER 10 μ L cAMP Ab WORKING STOCK 10 μ L 0.37 μ M CALIBRATOR 10 μ L cAMP TRACER WORKING STOCK	↓	10 μ L BUFFER 10 μ L cAMP Ab WORKING STOCK 10 μ L SAMPLE 4 10 μ L cAMP TRACER WORKING STOCK
H ↓	↓	↓

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Fig. 9B

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1 [CAMP CALIBRATORS]	2 [CONTROLS]	3 [SAMPLES]
I 10 μ L BUFFER 10 μ L CAMP Ab WORKING STOCK 10 μ L 0.12 μ M CALIBRATOR 10 μ L CAMP TRACER WORKING STOCK	30 μ L BUFFER 10 μ L CAMP TRACER WORKING STOCK	10 μ L BUFFER 10 μ L CAMP Ab WORKING STOCK 10 μ L SAMPLE 5 10 μ L CAMP TRACER WORKING STOCK
J ↓	↓	↓
K 10 μ L BUFFER 10 μ L CAMP Ab WORKING STOCK 10 μ L 0.041 μ M CALIBRATOR 10 μ L CAMP TRACER WORKING STOCK	↓	10 μ L BUFFER 10 μ L CAMP Ab WORKING STOCK 10 μ L SAMPLE 6 10 μ L CAMP TRACER WORKING STOCK
L ↓	↓	↓
M 10 μ L BUFFER 10 μ L CAMP Ab WORKING STOCK 10 μ L 0.014 μ M CALIBRATOR 10 μ L CAMP TRACER WORKING STOCK	20 μ L BUFFER 10 μ L CAMP Ab WORKING STOCK 10 μ L CAMP TRACER WORKING STOCK	10 μ L BUFFER 10 μ L CAMP Ab WORKING STOCK 10 μ L SAMPLE 7 10 μ L CAMP TRACER WORKING STOCK
N ↓	↓	↓
O 10 μ L BUFFER 10 μ L CAMP Ab WORKING STOCK 10 μ L 0.005 μ M CALIBRATOR 10 μ L CAMP TRACER WORKING STOCK	↓	10 μ L BUFFER 10 μ L CAMP Ab WORKING STOCK 10 μ L SAMPLE 8 10 μ L CAMP TRACER WORKING STOCK
P ↓	↓	↓

Fig. 10

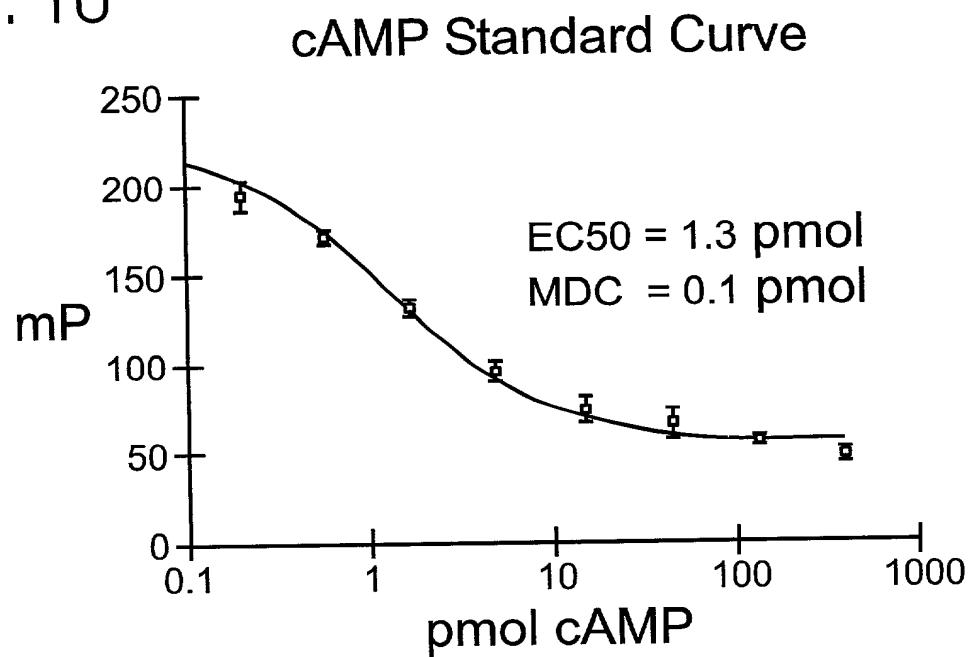


Fig. 11

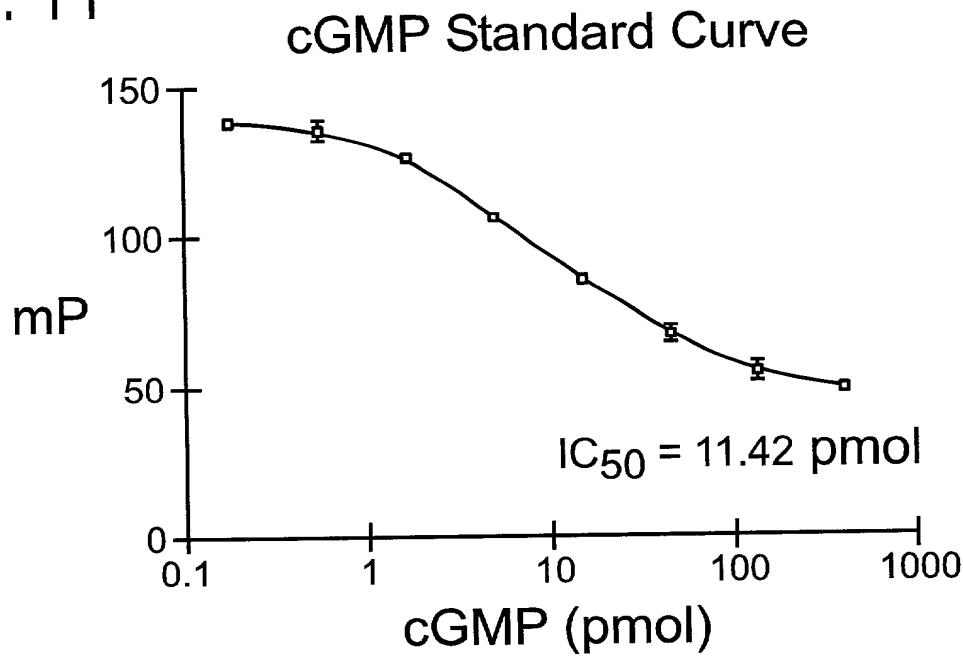


Fig. 12

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Purified Adenylate Cyclase

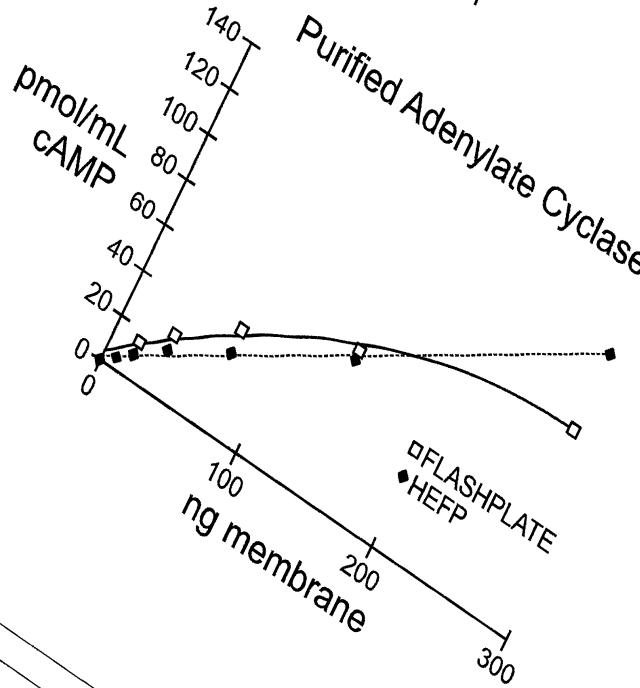


Fig. 13

